

ITB # 201907 – Central Downtown Infrastructure Improvements

Questions & Answers

Updated 8/16/19

- Q1. What is the thickness of surface asphalt?
A1. 1.5" - 2"
- Q2. When Open cut for trench's is performed, is there a cut back requirement in the asphalt over the undisturbed earth (Ex" 6" on either side of the trench).
A2. Follow the City's Public Services Standards Manual detail WS-2, which specifies 12" on each side of the trench.
- Q3. There are utilities that will be open cut under the existing train/trolley car rails on and around Strothers lane. What happens to these existing rails?
A3. The railroad crossing will require a 60' jack and bore. This has been added to the plans and specifications as part of Addendum #1.
- Q4. Does bypass need to be buried?
A4. Depends on the season.
- Q5. Will the City allow the contractor to submit their proof of VDOT Pre-Qualification approval in lieu of financials as required on the bid forms?
A5. Yes
- Q6. Please check the value of the VSMP Fee Provided of \$2,700. (NOTE: Demo of Pavement Item Is 3.92 Acre, Curb at 2.5' Width for Cut in Front and Backfill is 1.26 Acres, This does not include any of the roadway being performed).
A6. Correct. The size of the disturbed area is almost 9 acres, so the VSMP permit fee will be \$3,400.
- Q7. Please Verify the Asphalt Depth for the base patching required. Please include the thickness of the surface layer as we will have patch to the surface before mill + overlay.
A7. Minimum 7.5" depth.
- Q8. Please Provide the Tree Well Dimensional requirements. (Length, Width, Depth or a detail).
A8. 8' L x 4' W x 3' D is the minimum size, but there may be others that are different sizes depending on the tree.
- Q9. Does this contract have the Concrete Collar requirement around the Storm / Sanitary Frame & Covers?
A9. Yes. This will be added to the bid form in addendum #1.

- Q10. Is the Storm System connecting to an existing system or replacing an existing system on Strothers and Fairmont?
- A10. Most of the system is new. The last manhole is a replacement of an existing that connects to the system in Fairmont Avenue.
- Q11. Several Sanitary Laterals / Meter Pits fall outside areas designated on the plans for concrete replacement. When concrete is not scheduled to be replaced in these areas, is the restoration incidental to those items or will they be paid under the Demo and Replacement items in the contract.
- A11. No, restoration of sidewalks in these areas is incidental to utility replacement.
- Q12. When gravel driveways occur, are we going back into the existing driveways to replace with asphalt? If so how will we be paid for excavation and stone replacement / adjustments?
- A12. A new pay item will be added in addendum #1 which includes all excavation, stone, asphalt required to pave existing gravel driveways 10 feet behind the concrete apron. A detail has also been added to the plans.
- Q13. What are the limits / intentions of the step and wall rebuild? What are the foundation requirements, wall thicknesses, heights, underdrain systems, ect that are required? Can the existing stone be utilized in the rebuild?
- A13. The entirety of the existing wall and steps is to be rebuilt. After further consideration, no footing design will be provided – the wall should be rebuilt as-is. Existing stone can be reused.
- Q14. Who is responsible for striping replacement?
- A14. The City will be responsible for the striping once the top asphalt is installed.
- Q15. Will road closures be the responsibility of the City like similar projects previously performed or will it be the responsibility of the contractor?
- A15. The contractor.
- Q16. Will the City allow the rubber sidewalks to be completed at the end of the project in one mobilization since the manufacturer specified is not local? Can we just backfill with stone until that point for pedestrian access?
- A16. Yes. The sidewalks need to be safe and maintained so that wheelchairs can navigate them before the rubber sidewalk sections are placed.
- Q17. The project has a “48 hour” rule that we must pour back the concrete within 48 hours of demo. In cases of the utility replacement, will the City allow the contractor to temporary patch with stone or asphalt until such times that replacement work is scheduled in lieu of replacing concrete that will need to be removed a 2nd time?

- A17. Temporary backfill may be done with packed gravel. If necessary to make the sidewalks passable and prevent erosion, the contractor shall install cold mix.
- Q18. Are there details on the handrail other than the callout on the plans?
A18. See the specification section for Handrail.
- Q19. Is funding available for everything?
A19. Yes, the City is ready to proceed with this project in full.
- Q20. Should contractors have miss utility mark everything beforehand to verify any utility conflicts?
A20. Miss Utility will not mark at this time.
- Q21. The Contractor qualifications section of the bid form does not provide sufficient enough room for the requested information. Will the City allow qualifications on Contractor formatted documents?
A21. Yes
- Q22. Will the handrail be both galvanized and powder coated?
A22. Yes
- Q23. What is the Coverage Requirements for the Water Line Replacements?
A23. Per the City's Public Services Standards Manual, water mains need a minimum of 3 feet of cover.
- Q24. Is the Proposed Storm Drainage Replacing an Existing Storm Drainage System?
A24. See the answer to Question #10 above.
- Q25. How many LF of Storm Pipe and How Many Storm Structures are being replaced? Will you provide a demolition pay item for these?
A25. Please see the bid table for quantities. Language has been added to the storm sewer measurement and payment section to indicate that demolition, where required, should be part of the price for a new structure.
- Q26. Do you have invert and top elevations for the proposed storm drainage pipe and structures?
A26. No. This storm system should be considered design-build, where the design is paid for under the bid item for Surveying.
- Q27. Plan Sheet # 9 – The 6" Fire Service Line to 202 W. Wyck St is drawn on an angle. What is the desired fitting for this connection (Tee + Bends or Wye)?
A27. This will be denoted in Addendum #1.

- Q28. Plan Sheet # 9 – The 8” Water Main to N. Braddock St is drawn on an angle. What is the desired fitting for this connection (Tee + Bends or Wye)?
- A28. This will be denoted in Addendum #1.
- Q29. Plan Sheet # 12 – Please confirm the connection of the new 8” water main to the existing at the intersection of E North Ave & N Cameron St as an 8” wet tap? The label is cut short on the drawings.
- A29. This will be corrected in Addendum #1.
- Q30. The “MATCH LINE SHEET” indications on the plan sheets starting on sheet 10/31 appear to be mislabeled.
- A30. These will be updated in Addendum #1.
- Q31. Plan Sheet # 14, 15, 16, 17, 18 – There are existing replacement Fire Hydrants, Leads and Valves drawn on these sheets. Are we leaving the existing tee in place and reusing, or cutting in new tees on the existing main, or new wet tap and relocation of the fire hydrants?
- A31. For the new hydrants shown on North and South Loudoun Street, there will be a 12x6 wet tap on the existing 12” main with a new 6” valve on the hydrant line for each hydrant.
- Q32. Plan Sheet #14 – Building 406 service line is drawn with a Gate Valve and Meter designation. Are we installing a copper line or DIP Line at this location?
- A32. This is an abandoned hydrant line. It will be deleted from the project in Addendum #1.
- Q33. Plan Sheet #15 – Building 315 service line meter location is drawn in a square. Is the square to represent the Concrete Meter vaults for the 2” service lines?
- A33. This is an existing 2” service that will not need to be renewed. It has been removed from the scope of the project in Addendum #1.
- Q34. Will the City Require the Contractor to provide CCTV Pipe Inspection of the Storm Drainage Pipes?
- A34. The City will perform CCTV inspection of any newly installed storm or sanitary sewer pipe prior to acceptance.
- Q35. The hand rail is listed as VDOT HR-1 Type 2. A search of the VDOT web site does not point to such a railing. Do you have a cut sheet or profile?
- A35. The detail can be downloaded from VDOT’s website at the following address:
http://www.extranet.vdot.state.va.us/LocDes/Electronic_Pubs/2008Standards/08-10rev/601_05.pdf

- Q36. Is the abandonment of the existing water line shown on sheet 8 and 9, part of this contract? If so, what is required, and will there be a pay item?
- A36. Existing lines not being replaced shall be cut, capped and abandoned in place. This shall be included in the price of watermain installation.
- Q37. Will the City be providing any information regarding the vertical depth of the existing sanitary manholes being replaced? Based on the plans the contractor has no means of getting an accurate cost for this work.
- A37. No. Any new sanitary sewer should be considered design-build, where the design is paid for under the bid item for Surveying. Contractors are permitted to get approximately depths by popping lids prior to the bid being submitted.
- Q38. RE: Sanitary Sewer Collection System, page 3 paragraph III B. 1. – All sanitary sewer mains shall be laid with a minimum cover of 36 inches from top of pipe to finished ground surface grade. Does this indicate that the new sanitary sewer will not be any deeper than this minimum cover? If not what depth will the new sanitary sewer be laid?
- A38. No. Any new sanitary sewer should be considered design-build, where the design is paid for under the bid item for Surveying. New sewer will need to accommodate any existing laterals.
- Q39. Due to the size and complexity of this project, will the City consider extending the Bid Date by at least one week?
- A39. In Addendum #2, the bid date has been extended to Wednesday, September 4th, 2019 at 2:00pm.
- Q40. Does the city have any information or plans showing the deep of manholes to be replaced?
- A40. No. See answer to question #37.
- Q41. In Addendum #1, Plan Sheet #7, Call out for the 4" service line: There is no Pay Item for this work. How will this be paid?
- A41. The pay items for these have been added in Addendum #2.
- Q42. Water Distribution System page 7, paragraph E. Indicates that all connections to existing system shall be made by Wet Tap. There is no Pay Items for Wet Taps to existing water mains. How will this be paid?
- A42. Bid items have been added for 4", 6" and 8" wet taps in Addendum #2.
- Q43. What is the depth requirement for the installation of the Jack & Bore Casing?
- A43. The amount of cover on the bore should be 3 feet.

Q44. Will the City Consider postpone the bid date to allow additional time to complete the review of the existing systems (Sanitary / Storm) since the answered questions required the design / verification by the contractor so we can provide the pricing accordingly.

A44. Yes. See answer to question #39.

Q45. Can a list of all tree removals be provided?

A45. The trees to be removed are shown on the drawings, but a list of all location is included here.

Tree Removal Locations - Central Downtown		
Address	Species	#
16 N Washington	ash	1
11 N Washington	sweetgum	1
109 N Washington, 2nd from Amherst	pear	1
125 N Washington, 2nd from Piccadilly	sycamore	1
125 N Washington, 1st from Piccadilly	sycamore	1
126 N Washington	hophornbeam	1
141 N Washington, 1st from Piccadilly	sugar maple	1
142 N Washington, 1st from Piccadilly	sugar maple	1
142 N Washington, 1st from Piccadilly	silver maple	1
on N Stewart at 302 W Boscawen, 1st from Boscawen	Norway maple	1
7 N Stewart	ash	1
on N Stewart at 227 Amherst, 1st from Amherst	Norway maple	1
on N Stewart at 227 Amherst, 2nd from Amherst	sugar maple	1
on N Stewart at 227 Amherst, 3rd from Amherst	sugar maple	1
227 Amherst, 1st from N Stewart	ash	1
227 Amherst, 2nd from N Stewart	ash	1
226 Amherst, 3rd from N Washington	sugar maple	1
223 Amherst, 1st from N Stewart	sugar maple	1
223 Amherst, 2nd from N Stewart	sugar maple	1
on Amherst at 19 N Washington, 2nd from Washington	sugar maple	1
on Amherst at 19 N Washington, 3rd from Washington	sweetgum	1
on Amherst at 20 N Washington	pear	1
120 Amherst	ash	1
109 Amherst, 3rd from N Braddock	linden	1
on Amherst at 103 N Braddock, 1st from Braddock	sugar maple	1
501 N Loudoun, 2nd from North Ave	magnolia	1
305 N Loudoun	linden	1
402 S Loudoun, 1st from Cecil	silverbell	1
403 S Loudoun, 2nd from Cecil	sugar maple	1
407 S Loudoun	sugar maple	1
419 S Loudoun	zelkova	1

422 S Loudoun	red maple	1
524 S Loudoun	ash	1
613 S Loudoun, 2nd from Monmouth	basswood	1
627 S Loudoun	ash	1
703 S Loudoun	Norway maple	1
714 S Loudoun	sugar maple	1
115 Academy Ln, 1st from Joist Hite	sugar maple	1

- Q46. With much of the asphalt being performed in the later portions of the project, will the City Consider adding the Liquid Asphalt Index Increase Clauses?
- A46. The City follows the VDOT spec for paving, which includes the provision for liquid asphalt price increases.